

05136
PRIORITY
OUT 64288

P 080333Z FEB 68
FM NPIC WASHDC
TO AIG NINE SEVEN FIVE
BT
S E C R E T CITE NPIC 2944
MISSION GL G-012

7 FEB 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-Ø12, 3 FEB 68.

((TEXT AS FOLLOWS IDENTICAL TO ABOVE MISSION))

S E C R E T

END OF MESSAGE

S/C NOTE: ALSO PASSED TO

EXTENSION		
CY No.	Case	Action
5	PAS Cable Sec.	
	PAS	
	Security	
	PAS	
	PAS	
3,4	PAS	
5	PAS SUNNY-4 PAS	
	[Redacted]	
	DIA-AP	

 $-25x$

25X1

Declass Review by NGA

Advanced Copy
Sanitized
With Text

SECRET

Excluded from automatic
downgrading and
declassification

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-012, 3 FEB 68. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET IN PHOTOGRAPHY ARE AS FOLLOWS -- C @CLEAR@, SC @SCATTERED CLOUD COVER@, LC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGED@, O @OBLIQUITY@, AND RR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM@, MEDIUM @76-100 MM@, HEAVY @OVER 100 MM@, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4@. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

HOLGUIN SAM SITE B27-2 CU 205232N 0762718W

34-Z1

OB -- 6 EMPLACED LAUNCHERS @4 WITH MISSILES@, 1 ADDITIONAL LAUNCHER, 5 MISSILE TRANSPORTERS @3 WITH MISSILES@, A FAN SONG RADAR WITH 8 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN, 1 TRUCK-MOUNTED CRANE, 9 ZIL-157V, AND 2 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

HOLGUIN AIRFIELD SAM SITE CU 204650N 0761950W

34-C1

OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES@, 6 MISSILE TRANSPORTERS, A FAN SONG RADAR, 1 AT-S, AND 1 ZIL-157V.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

HOLGUIN SAM SITE WEST CU 205100N 0762745W

0585 34-Z8

OB -- NONE OBSERVED.

CONSTRUCTION IS IN LATE STAGES.

SANTIAGO DE CUBA SAM SITE A23-2 CU 195941N 0755357W

24-C

OB -- 6 EMPLACED LAUNCHERS, 2 OTHER LAUNCHERS, 14 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH SHED-COVERED EQUIPMENT, A PROBABLE ACQUISITION RADAR, 9 AT-S, 6 ZIL-157V, 14 CARGO TRUCKS, AND 2 VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 200410N 0755336W

76-P

OB -- 3 MISSILES ON DOLLIES, 17 MISSILE TRANSPORTERS, 3 MISSILE CANISTER TRANSPORTERS, 2 TRACTOR TRAILER TRUCKS, 3 TRUCK-MOUNTED CRANES, 2 TANK TRUCKS, 1 ZIL-157V TRUCK TRACTOR, AND 11 CARGO TRUCKS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

G-012 0001
G-012 0002
G-012 0003
G-012 0004
G-012 0005
G-012 0006
G-012 0007
G-012 0008
G-012 0009
G-012 0010
G-012 0011
G-012 0012
G-012 0013
G-012 0014
G-012 0015
G-012 0016
G-012 0017
G-012 0018
G-012 0019
G-012 0020
G-012 0021
G-012 0022
G-012 0023
G-012 0024
G-012 0025
G-012 0026
G-012 25X27
G-012 0028
G-012 0029
G-012 0030
G-012 0031
G-012 0032
G-012 0033
G-012 25X34
G-012 0035
G-012 25X36
G-012 0037
G-012 0038
G-012 0039
G-012 25X40
G-012 0041
G-012 0042
G-012 0043
G-012 0044
G-012 25X45
G-012 0046
G-012 25X47
G-012 0048
G-012 0049
G-012 0050
G-012 0051
G-012 0052
G-012 0053
G-012 25X44
G-012 0055
G-012 25X56
G-012 0057
G-012 0058
G-012 0059
G-012 0060
G-012 0061
G-012 0062
G-012 25X63

SANTIAGO DE CUBA SAM SITE 2 CU 195845N 8754922W

0647

24-H

OB -- NONE OBSERVED.

SITE IS IN A LATE STAGE OF CONSTRUCTION.

PALMA SORIANO SAM SITE A02-2 CU 201524N 8755913W

54-H

OB -- 6 EMPLACED LAUNCHERS 04 WITH MISSILES, 10 MISSILE TRANSPORTERS 03 WITH EXPOSED MISSILES, AN OCCUPIED GUIDANCE AREA, AND AT LEAST 9 VEHICLES.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA VEGUITA SAM ASSEMBLY AREA CU 204945N 8761515W

34-27

OB -- 2 EXPOSED MISSILES, 3 MISSILE TRANSPORTERS, 1 MISSILE CANISTER TRANSPORTER, 6 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS.

NO APPARENT CHANGE IN FACILITIES.

SAN PEDRO DE CACOCUM SAM SITE A06-2 CU 204545N 8761540W

72-C1

OB -- 6 EMPLACED LAUNCHERS AND A FAN SONG RADAR WITH 6 VAN TRAILERS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA MAYA SAM SITE A35-2 CU 201489N 8754046W

63-A

OB -- 6 EMPLACED LAUNCHERS, 6 MISSILE TRANSPORTERS 02 WITH EXPOSED MISSILES, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN, AND 3 ADDITIONAL VAN TRAILERS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO 33 TRAINING AREA CU 195849N 8755100W

24-D

OB -- 1 MISSILE TRANSPORTER, 21 CARGO TRUCKS, AND 1 TRUCK-MOUNTED CRANE.

AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD CU 212511N 8775054W

27

OB -- 2 CRATE, 6 COLT, AND 8 HOUND.

HOLGUIN AIRFIELD CU 204727N 8761854W

34-C

OB -- 3 FISHB, 15 FAGOT/FRESCO, AND 1 HOUND.

ANTONIO MACEO AIRFIELD CU 195809N 8755009W

9

OB -- 1 COOT, 1 COKE, 1 C-47, 2 MORAVA L-282, AND 2 HOUND.

BAYAMO AIRFIELD EAST CU 202255N 8763721W

11-D

OB -- 15 COLT AND 2 HOUND.

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 202120N 8754910W

76

OB -- NONE OBSERVED.

OTHER VESSELS -- 6 FREFIGHTERS.

MANZANILLO PORT CU 21205N 8770767W

113-B

G-012 0064

G-012 0065

G-012 0066

G-012 0067

G-012 0068

G-012 0069

G-012 0070

G-012 0071

G-012 0072

G-012 0073

G-012 0074

G-012 0075

G-012 0076

G-012 0077

G-012 0078

G-012 0079

G-012 0080

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G-012 0112

G-012 0113

G-012 0114

G-012 0115

G-012 0116

G-012 0117

G-012 0118

G-012 0119

G-012 0120

G-012 0121

G-012 0122

G-012 0123

G-012 0124

G-012 0125

G-012 0126

VESSELS -- 1 M/T OBSERVED.

NUEVITAS PORT CU 213237N 8771237W

134

VESSELS -- 7 LARGE FREIGHTERS AND 1 COASTAL FREIGHTER.

LA ISABEL PORT FACILITIES CU 225638N 0800034W

99-A

VESSELS -- 6 FREIGHTERS.

CAIBARIEN PORT CU 223139N 0792818W

26-A

VESSELS -- 1 FREIGHTER.

CARDENAS PORT CU 234254N 0811143W

31-C

VESSELS -- 1 PICKUP FREIGHTER.

ELECTRONICS/COMMUNICATIONS

HOLGUIN AA RADAR FACILITY CU 204822N 0761756W

24-B

OB -- NONE OBSERVED.

SANTIAGO DE CUBA AA RADAR FAC CU 195920N 0755100W

24-E

OB -- 6 AT-S.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

SANTIAGO DE CUBA AA RADAR FACILITY 2 CU 202530N 0755130W

0585

76-X3

OB -- 1 TOKEN-CONFIGURED RADAR, 1 VAN TRUCK, AND 1 VAN TRAILER.

CABO CRUZ LOW SIEVE RADAR FAC CU 195025N 0774337W

23-A

OB -- 1 LOW SIEVE RADAR.

SANTIAGO LO SIEVE RADAR FAC LA SOCAPA CU 195800N 0755209W

24-F

OB -- 1 LOW SIEVE RADAR.

HOLGUIN AIRFIELD RADAR FACILITY SW CU 2045//N 07621//W

0585

34-02

OB -- 1 TOKEN-CONFIGURED RADAR, 2 FLAT FACE RADAR, 4 VAN TRUCKS, AND 6 VAN TRAILERS.

MILITARY ACTIVITY

DOS CAMINOS MILITARY CAMP CU 201428N 0754714W

317-A

OB -- 42 PA PIECES, 12 AAA PIECES, 53 AT-S, AND 44 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

HOLGUIN MILITARY CAMP NORTH CU 225713N 0761633W

34-S

OB -- 2 TANKS/SP GUNS, 6 AAA PIECES, AND 21 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

SANTIAGO MILITARY CAMP CUABITAS CU 200342N 0754837W

76-V

OB -- 10 TANKS/SP GUNS, 18 CARGO TRUCKS, AND 2 UTILITY TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

G-012 0127
G-012 25X28
G-012 0129
G-012 25X30
G-012 0131
G-012 25X32
G-012 0133
G-012 0134
G-012 25X35
G-012 0136
G-012 25X37
G-012 0138
G-012 0139
G-012 25X40
G-012 0141
G-012 25X42
G-012 0143
G-012 25X44
G-012 0145
G-012 25X46
G-012 0147
G-012 0148
G-012 25X49
G-012 0150
G-012 25X51
G-012 0152
G-012 25X53
G-012 0154
G-012 0155
G-012 25X56
G-012 0157
G-012 0158
G-012 0159
G-012 25X60
G-012 0161
G-012 25X62
G-012 0163
G-012 25X64
G-012 0165
G-012 25X66
G-012 0167
G-012 25X68
G-012 0169
G-012 0170
G-012 0171
G-012 0172
G-012 25X73
G-012 0174
G-012 0175
G-012 25X76
G-012 0177
G-012 0178
G-012 25X79
G-012 0180
G-012 25X81
G-012 0182
G-012 0183
G-012 25X84
G-012 0185
G-012 25X86
G-012 0187
G-012 0188
G-012 25X89

EL CRISTO MILITARY INSTALLATION CU 201077N 0750477W

65-A

OB -- 3 PROBABLE SALISH RESUPPLY VEHICLES.
 NO APPARENT CHANGE IN FACILITIES.

SANTIAGO MILITARY CAMP LA VENTA CU 200242N 0755136W

76-N1

OB -- 31 CARGO TRUCKS AND 1 CARGO TRAILER.
 NO APPARENT CHANGE IN FACILITIES.

MINAS MILITARY CAMP FUNDICION CU 212710N 0773415W

127-B

OB -- 19 TANKS/SP GUNS, 23 CARGO TRUCKS, 3 VAN TRUCKS, AND 6 OTHER
 VEHICLES.

NO APPARENT CHANGE IN FACILITIES.

OFELIA MILITARY CAMP CU 200623N 0753040W

847

OB -- 14 TANKS/SP GUNS, 3 FA PIECES, 8 AAA PIECES, 2 AT-5, 27 CARGO
 TRUCKS, 2 VAN TRUCKS, 1 TANK TRUCK, 3 SEDANS, AND 3 VAN TRAILERS.

NO APPARENT CHANGE IN FACILITIES.

PUERTO RICO MILITARY AREA CU 211140N 0763900W

81-C

OB -- 14 VEHICLES/PIECES OF EQUIPMENT.

ACTIVITY -- 18 TENTS.

NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA MILITARY BKS NW CU 200325N 0755400W

76-X1

OB -- 4 STR 152, 15 STR-60P, AND 8 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA MILITARY CAMP NW CU 200310N 0755320W

76-P3

OB -- 57 FA PIECES, 11 AAA PIECES, 164 CARGO TRUCKS, 6 UTILITY
 TRUCKS, 3 TRUCK-MOUNTED CRANES, AND 1 TRACTOR TRAILER.

NO APPARENT CHANGE IN FACILITIES.

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 200130N 0754743W

2585

76-X4

OB -- 29 FA PIECES, 9 AAA PIECES, 21 MORTARS, AND 21 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

SIBONEY LANDING BEACH CU 195777N 0750427W

55

NO NEW MILITARY ACTIVITY OBSERVED.

OTHER ACTIVITY

SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER CU 195955N 0755040W

0647

24-1

NO ACTIVITY OBSERVED.

G-012 0190

G-0125X191

G-012 0192

G-012 0193

G-0125X194

G-012 0195

G-0125X196

G-012 0197

G-012 0198

G-0125X199

G-012 0200

G-0125X201

G-012 0202

G-012 0203

G-012 0204

G-0125X205

G-012 0206

G-0125X207

G-012 0208

G-012 0209

G-012 0210

G-0125X211

G-012 0212

G-0125X213

G-012 0214

G-012 0215

G-012 0216

G-0125X217

G-012 0218

G-012 0219

G-0125X220

G-012 0221

G-012 0222

G-0125X223

G-012 0224

G-0125X225

G-012 0226

G-012 0227

G-012 0228

G-0125X229

G-012 0230

G-012 0231

G-012 0232

G-012 0233

G-0125X234

G-012 0235

G-0125X236

G-012 0237

G-0125X238

G-012 0239

G-012 0240

G-012 0241

G-012 0242

G-0125X243